

Date: Wednesday, 9/20/2006 3:23:42 PM  
 User: Kim Johnston

## Process Sheet

<b>Customer</b> : CU-DAR001 Dart Helicopters Services	<b>Drawing Name</b> : 206/OH-58 SADDLE INBOARD, LEFT SIDE
<b>Job Number</b> : 28669	
<b>Estimate Number</b> : 10833	
<b>P.O. Number</b> : <i>N/A</i>	<b>Part Number</b> : D29331
<b>This Issue</b> : 9/20/2006 <b>S.O. No.</b> : <i>N/A</i>	<b>Drawing Number</b> : D2933 REV B
<b>Prsht Rev.</b> : NC	<b>Project Number</b> : N/A
<b>First Issue</b> : <i>N/A</i> <b>Type</b> : MACHINED PARTS	<b>Drawing Revision</b> : B
<b>Previous Run</b> : 28262	<b>Material</b> : <i>N/A</i>
<b>Written By</b> : <i>[Signature]</i>	<b>Due Date</b> : 9/27/2006 <b>Qty:</b> 6 <b>Um:</b> Each
<b>Checked &amp; Approved By</b> : <i>[Signature]</i>	
<b>Comment</b> : Est: B00.06/26 New DWG rev (mpp 2069) EC	

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	D6101001	7075-T7351 2X6X6.25
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**Comment:** Qty.: 1.0000 Each(s)/Unit Total : 6.0000 Each(s)  
 Issue material from stock: 7075-T7351 QQ-A-250/12  
 Cut Size 2.0 x 6.25 X 6.00  
 Grain Along Long 6.00 Length  
 Batch No: *125377*

SA 06.09.24

6

2.0	HAAS1	HAAS CNC VERTICAL MACHINING #1
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**Comment:** HAAS CNC VERTICAL MACHINING #1  
 Program part number and batch number.  
 1-Inspect part number and batch number are programmed correctly.  
 2-Machine Step No 1 of Folio and visually inspect as per dwg D2933 & attached Dimension Sheet  
 3-Machine Step No 2 of Folio and visually inspect as per dwg D2933 & attached Dimension Sheet  
 4-Machine Step No 3 of Folio and visually inspect as per dwg D2933 & attached Dimension Sheet  
 5-Deburr

SA 06.09.24

6

3.0	MILLING CONV.	CONVENTIONAL MILLING MACHINE
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**Comment:** CONVENTIONAL MILLING MACHINE  
 Machine Keyway and inspect per attached dimension sheet

SA 06.09.24

6

4.0	QC1	INSPECT ALL DIM TO DIM SHEET
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**Comment:** INSPECT ALL DIM TO DIM SHEET

SA 08.09.24

6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☐ No ☒ DQA:   P   Date: 04/05/02  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Wednesday, 9/20/2006 3:23:43 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: 206/OH-58 SADDLE, INBOARD, LEFT SIDE

Job Number: 28669

Part Number: D29331

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

QC8

SECOND CHECK



Comment: SECOND CHECK

*ml 06/09/26*

*6*

6.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Acid etch and Alodine as per QSI 005 4.1

*q.m*

*06-09-28*

*(6)*

7.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

*q.m 06/09/28 x 6*

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT

*FC*

*06 09 28*

*(6)*

9.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: \_\_\_\_\_

*06/09/28*

*(6)*

10.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

*SD 06/09/02*

*(6)*

Job Completion



*U 06/09/02*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

<b>DART AEROSPACE LTD</b>	<b>Work Order:</b> 28669
<b>Description:</b> 206 Saddle, Inboard, Left side	<b>Part Number:</b> D2933-1
<b>Inspection Dwg:</b> D2933 Rev. B	<b>Page 1 of 1</b>

Inspect dimensions highlighted on inspection sheet drawing D2933 Rev. B and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.100	0.140		.123	.123	.124	.124		
B	0.100	0.140		.123	.124	.124	.125		
C	0.100	0.140		.132	.129	.129	.129		
D	0.210	0.230		.221	.221	.221	.220		
E	1.245	1.255		1.250	1.250	1.250	1.250		
F	1.245	1.255		1.250	1.250	1.250	1.250		
G	2.495	2.505		2.500	2.500	2.500	2.500		
H	0.510	0.515		.514	.514	.514	.514		
I	1.572	1.582		1.577	1.577	1.577	1.577		
J	2.495	2.505		2.498	2.498	2.498	2.498		
K	0.257	0.262	<del>DT8683</del>	.258	.258	.258	.258		
L	0.312	0.317	<del>DT8686</del>	.314	.314	.314	.314		
M	0.235	0.240		.237	.238	.237	.237		
N	0.100	0.140		.120	.120	.120	.120		
O	0.540	0.560		.547	.548	.548	.549		
P	0.490	0.510		.500	.498	.497	.498		
Q	3.715	3.725		3.720	3.720	3.720	3.720		
R	2.470	2.510		2.492	2.492	2.492	2.492		
S	0.240	0.270		.230	.250	.248	.249		
T	0.100	0.180		.140	.140	.140	.140		
U	1.625	1.635		1.630	1.630	1.630	1.630		
V	1.362	1.372		1.367	1.367	1.367	1.367		
W	0.316	0.321	<del>DT8690</del>	.319	.319	.311	.319		
X	1.125	1.145		1.134	1.133	1.134	1.133		
Y	1.565	1.585	DT8695 A/B						
Z									
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									
Accept/Reject									

Measured by: SA
Date: 06-09-24

Audited by: JAL
Date: 06/09/26

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690. & DT8695 A/B	KJ/RF	

<b>DART AEROSPACE LTD</b>	<b>Work Order:</b> 28669
<b>Description:</b> 206 Saddle; Inboard, Left side	<b>Part Number:</b> D2933-1
<b>Inspection Dwg:</b> D2933 Rev. B	<b>Page 1 of 1</b>

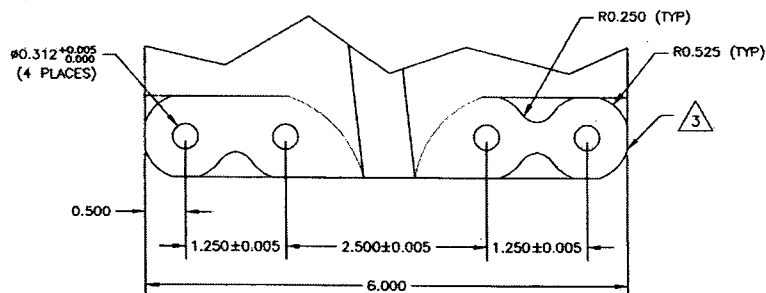
Inspect dimensions highlighted on inspection sheet drawing D2933 Rev. B and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.100	0.140		.124	.124				
B	0.100	0.140		.123	.123				
C	0.100	0.140		.129	.129				
D	0.210	0.230		.220	.221				
E	1.245	1.255		1.250	1.250				
F	1.245	1.255		1.250	1.250				
G	2.495	2.505		2.500	2.500				
H	0.510	0.515		.514	.514				
I	1.572	1.582		1.577	1.577				
J	2.495	2.505		2.498	2.498				
K	0.257	0.262	<del>DT8683</del>	.258	.258				
L	0.312	0.317	<del>DT8686</del>	.314	.314				
M	0.235	0.240		.237	.237				
N	0.100	0.140		.120	.120				
O	0.540	0.560		.549	.548				
P	0.490	0.510		.500	.499				
Q	3.715	3.725		3.720	3.720				
R	2.470	2.510		2.492	2.492				
S	0.240	0.270		.250	.250				
T	0.100	0.180		.140	.140				
U	1.625	1.635		1.630	1.630				
V	1.362	1.372		1.367	1.367				
W	0.316	0.321	<del>DT8690</del>	.319	.319				
X	1.125	1.145		1.134	1.134				
Y	1.565	1.585	DT8695 A/B						
Z									
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									
Accept/Reject									

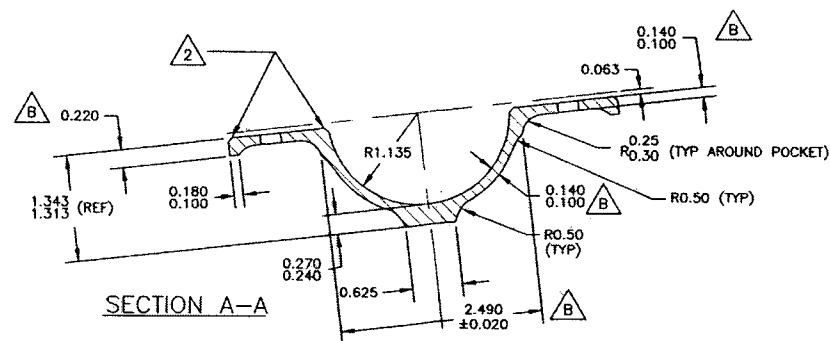
Measured by: SA
Date: 06.09.25

Audited by: [Signature]
Date: 06/09/26

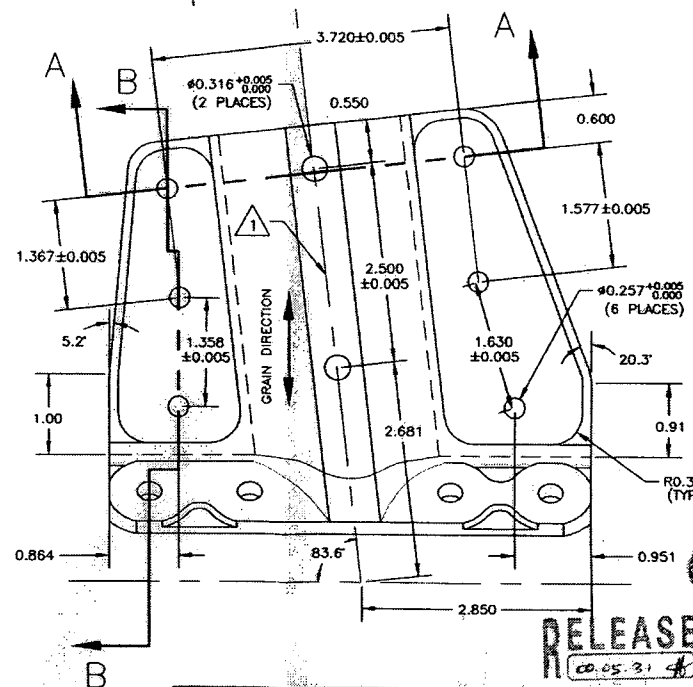
Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF [Signature]	[Signature]



VIEW C-C



SECTION A-A

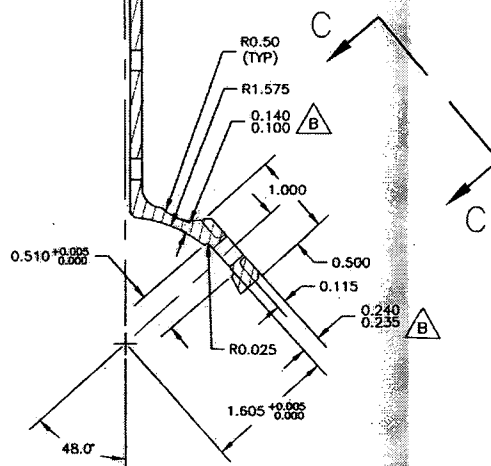


SECTION B-B

D2933-1 LH SADDLE (SHOWN)  
D2933-2 RH SADDLE (OPPOSITE)

MATERIAL: 7075-T7351 (Q0-A-250/12)  
FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT GLOSS WHITE (REF 4.3.5.1) PER  
DART QSI 005 4.3  
BREAK ALL SHARP EDGES 0.010 TO 0.020  
TOLERANCES ARE PER DART QSI-018 UNLESS OTHERWISE NOTED.

- 1 ENGRAVE PART AND BATCH NUMBER IN THIS AREA 0.010 TO 0.015 DEEP
- 2 CHAMFER 0.050" x 45° AROUND THIS SURFACE (TYP 2 PLACES)
- 3 CHAMFER 0.050" x 45°



SHOP COPY  
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WITHOUT NOTICE  
WORK ORDER  
28669

RELEASED  
00.05.29

B	00.05.29	CHANGED GEOMETRY AND MATERIAL
A	99.10.29	NEW ISSUE
DESIGN	DRAWN BY	DART DART AEROSPACE USA, INC. BELLEVUE, WA
CHECKED	APPROVED	DRAWING NO. D2933
DATE	00.05.29	TITLE SADDLE INSIDE
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.		REV. B SHEET 1 OF 1 SCALE 2:3